

Department of the Interior  
U.S. Geological Survey

# **LANDSAT GROUND STATION (GS) IDENTIFIERS**

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## LANDSAT GROUND STATION (GS) IDENTIFIERS

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## **Executive Summary**

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This document contains a list of all Landsat Ground Station (GS) Identifiers.

This document is under the control of the Landsat Configuration Control Board (LCCB) and was prepared by:

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# Contents

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<b>Executive Summary .....</b>	<b>iii</b>
<b>Document History .....</b>	<b>iv</b>
<b>Contents.....</b>	<b>v</b>
<b>List of Tables .....</b>	<b>vi</b>
<b>Section 1    Introduction.....</b>	<b>1</b>
1.1    Purpose and Scope .....	1
<b>Section 2    Landsat Ground Station (GS) Identifiers .....</b>	<b>2</b>
2.1    Ground Station (GS) Identifiers.....	2
<b>Appendix A    Acronyms.....</b>	<b>7</b>
<b>References.....</b>	<b>8</b>

## List of Tables

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Table 2-1. GS Identifiers .....	4
Table 2-2. Station References for MOC/LAM Interfaces .....	5
Table 2-3. Station References for IPM .....	6

## **Section 1 Introduction**

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### **1.1 Purpose and Scope**

This Ground Station (GS) Identifiers document contains a list of all Landsat GS Identifiers. This document also describes station identifying information required for the Mission Operations Center (MOC) and Landsat Archive Manager (LAM) interfaces, and station references for International Ground Station (IGS) Priority & Service Request Map Editor (IPM).

The Landsat 7 (L7) to International Ground Station (IGS) Interface Control Document (ICD) and the Landsat 7 Operations Agreement (OA) Between International Ground Stations (IGS) and Landsat 7 contain detailed information regarding the interfaces with the MOC and IPM. (See References)

## **Section 2    Landsat Ground Station (GS) Identifiers**

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### **2.1    Ground Station (GS) Identifiers**

Table 2-1 contains a list of the Landsat GS identifiers. The stations marked as historical were used in the past and are included in the historical data archives and documentation.



GS ID	Description
AAA	North America receiving site unknown
AGS	Poker Flat, Alaska
ASA	Alice Springs, Australia
ASN	Australian Ground Station
ATG	Atlanta Georgia (Test)
AWE	Aswan, Egypt (Proposed)
BJC	Beijing, China
BKT	Bangkok, Thailand
CBA	Canberra Australia (Historical)
CLT	Chung-Li, Taipei, China (Historical)
COA	Cordoba, Argentina
CPE	Cotopaxi, Ecuador (Historical)
CUB	Cuiaba, Brazil
DKI	Parepare, Indonesia
DUB	Dubai, United Arab Emirates (Historical)
EDC	EROS, Sioux Falls, South Dakota (aka Landsat Ground Station (LGS))
EV1	Eagle Vision 1
EV3	Eagle Vision 3
EV4	Eagle Vision 4
FAK	Fairbanks, Alaska (Historical)
FFF	Foreign (non-North America) Receiving Site
FUI	Fucino, Italy (Historical)
GDS	Goldstone California (Historical)
GLC	Gilmore Creek, Alaska (Landsat 5 (L5) only)
GMD	Greenbelt Maryland (Historical)
GNC	Gatineau, Canada
HAJ	Hatoyama, Japan
HCA	Datron in California (Test)
HIJ	Hiroshima, Japan
HOA	Hobart, Australia
ISP	Islamabad, Pakistan (Historical)
JSA	Johannesburg, South Africa located in Hartebeeshoek
KIS	Kiruna, Sweden
KLM	Kuala Lumpur, Malaysia
KUJ	Kumamoto, Japan (Historical)
LBG	Libreville, Gabon (Historical)
LGS	Sioux Falls, South Dakota (aka EROS)
MGS	McMurdo, Antarctica
MPS	Maspalomas, Spain
MTI	Matera, Italy

GS ID	Description
NSG	Neustrelitz, Germany
NOK	Norman, Oklahoma (Historical)
NRK	Nairobi, Kenya (Historical)
OHA	O'Higgins, Antarctica (Historical)
PAC	Prince Albert, Canada
PF1	Poker Flat, Alaska
PF2	Poker Flat, Alaska
PFS	aka PF1 and PF2 (EROS only)
RSA	Riyadh, Saudi Arabia (Proposed)
SEK	Seoul, Korea
SGI	Shandnagar, India (Historical)
SGP	Singapore(Proposed)
SGS	Svalbard, Norway
TFT	Taipei, China, Fixed
TGS	Transportable Ground Station (Historical)
TMT	Taipei, China, Mobile
TOF	Toulouse France (Test)
UHI	University of Hawaii (Proposed)
ULM	Ulan Bator, Mongolia
UPR	University of Puerto Rico
WPS	Wallops Island, Virginia
XXX	Unknown

**Table 2-1. GS Identifiers**

Table 2-2 lists station identifying information required for the MOC and LAM interfaces. This table provides the following information for each station:

- ID – The three-letter ID used in files names, messages, and reports for this station and in directory paths on the MOC server.
- id – The three-letter id, in lower case, used in the Username field when logging in to the LAM.
- Country – The country name used in directory paths on the MOC server.
- Interface directly to the MOC – Indication of whether the receive site interfaces directly with the MOC for acquisition scheduling or through another facility; if another facility is used, it is identified.
- Interface directly to the LAM – Indication of whether the receive site interfaces directly with the LAM for browse/metadata transfer or through another facility; if another facility is used, it is identified.

ID	id	COUNTRY	INTERFACE DIRECTLY W/ MOC	INTERFACE DIRECTLY W/ LAM
COA	coa	Argentina	YES	YES
ASA	asa	Australia	All through Canberra	NO, through Canberra
HOA	hoa	Australia	All through Canberra	NO, through Canberra
CUB	cub	Brazil	YES	YES
GNC	gnc	Canada	All through Ottawa	NO, through Ottawa
PAC	pac	Canada	All through Ottawa	NO, through Ottawa
CPE	cpe	Ecuador	YES	YES
AWE	awe	Egypt	YES	YES
LBG	lbg	Gabon	YES	YES
NSG	nsg	Germany	REQ through ESRIN	NO, through ESRIN
UHI	uhi	United States	YES	YES
DKI	dki	Indonesia	YES	YES
FUI	fui	Italy	REQ through ESRIN	NO, through ESRIN
MTI	mti	Italy	REQ through ESRIN	NO, through ESRIN
HAJ	haj	Japan	All through Earth Observation Center (EOC)	YES
HIJ	hij	Japan	All through EOC	YES
KUJ	kuj	Japan	All through EOC	YES
SEK	sek	Korea	YES	YES
KLM	klm	Malaysia	YES	YES
ULM	ulm	Mongolia	REQ through German Space Agency (DLR)	NO, through DLR
ISP	isp	Pakistan	YES	YES
BJC	bjc	PeoplesRepublicofChina	YES	YES
UPR	upr	PuertoRico	YES	YES
RSA	rsa	SaudiArabia	YES	YES
SGP	sgp	Singapore	YES	YES
JSA	jsa	SouthAfrica	YES	YES
MPS	mps	Spain	REQ through ESRIN	NO, through ESRIN
KIS	kis	Sweden	REQ through ESRIN	NO, through ESRIN
TFT	tft	TaipeiChina	YES	YES
TMT	tmt	TaipeiChina	YES	YES
BKT	bkt	Thailand	YES	YES

**Table 2-2. Station References for MOC/LAM Interfaces**

Table 2-3 lists station identifying information required by the IPM on-line tool. For the IPM, the IGSs are collected under an umbrella International Cooperator (IC) name. In some cases, this is a one-to-one relationship. In other cases, several stations are under one IC.

IC Name	Stations That Can Be Accessed
Argentina	COA
Australia	ASA HOA
Brazil	CUB
Canada	GNC PAC
Ecuador	CPE
Egypt	AWE
ESA	FUI KIS MPS MTI NSG
Gabon	LBG
Indonesia	DKI
Japan	HAJ HIJ
Korea	SEK
Malaysia	KLM
Mongolia	ULM
Pakistan	ISP
PeoplesRepublicofChina	BJC
SaudiArabia	RSA
Singapore	SGP
SouthAfrica	JSA
TaipeiChina	TFT TMT
Thailand	BKT
UniversityofHawaii	UHI
UniversityofPuertoRico	UPR

**Table 2-3. Station References for IPM**

## Appendix A    Acronyms

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aka	Also Known As
DCPF	Data Capture and Processing Facility
DLR	Germany Space Agency
EOC	Earth Observation Center
EROS	Center for Earth Resources Observation and Science
ESRIN	European Space Research Institute
GS	Ground Station
HTSI	Honeywell Technology Solutions Inc.
IC	International Cooperator
ICD	Interface Control Document
IGS	International Ground Station
IPM	IGS Priority & Service Request Map Editor
LAM	Landsat Archive Manager
L5	Landsat 5
L7	Landsat 7
LCCB	Landsat Configuration Control Board
LGS	Landsat Ground Station
LS	Landsat System
MMO	Mission Management Office
MOC	Mission Operations Center
OA	Operations Agreement
PD	Program Description
SAIC	Science Applications International Corporation
SD	South Dakota
USGS	U.S. Geological Survey

## References

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The following documents are listed for the convenience of the user. These documents do not form a part of this Landsat GS Identifiers document and are not controlled by their reference herein. In the event of a conflict between this document and the referenced documents, this document shall govern.

USGS/EROS, LS-ICD-29, Landsat 7 to International Ground Station (IGS) Interface Control Document (ICD). Version 7.0. April 2005.  
<<http://landsat.usgs.gov/igsdocs.php>>

USGS/EROS, LS-OA-07, Landsat 7 Operations Agreement (OA) Between International Ground Stations (IGS) and Landsat 7. Version 2.0. April 2005.  
<<http://landsat.usgs.gov/igsdocs.php>>